CLAIMS

What is claimed and desired to be secured by Letters Patent is:

1. A method for determining a polarity of a sync pulse comprising:

determining a count of the sync pulse using a counter; and

determining the polarity of the sync pulse using said count.

2. The method of Claim 1, wherein determining said count includes incrementing said counter until a next edge is detected.

3. The method of Claim 2, wherein determining said count includes counting a number of pixels for an Hsync pulse.

4. The method of Claim 2, wherein determining said count includes counting a number of lines for a Vsync pulse.

5. The method of Claim 2, wherein the polarity of the sync pulse is equal to a level of a sync pulse.

6. The method of Claim 5, wherein the polarity of the sync pulse is equal to said level of said sync pulse prior to a third edge of a sync pulse is detected.

7. The method of Claim 5, including decrementing said counter until a third edge of a sync pulse is detected.

8. The method of Claim 1, wherein the polarity of the sync pulse is equal to an inverse of a polarity of a sync signal.

9. The method of Claim 8, wherein the polarity of the sync pulse is equal to said inverse of said polarity of said sync signal when said counter reaches zero.

10. The method of Claim 8, including decrementing said counter until said counter reaches zero.

11. The method of Claim 1, wherein a polarity of a horizontal sync pulse is explicitly set.

12. The method of Claim 1, wherein a polarity of a vertical sync pulse is explicitly set.

13. A method for determining a polarity of generating a blanking period indicator signal comprising:

determining a count of the sync pulse using a counter; and

determining the polarity of the sync pulse using said count.

14. A method for determining a polarity of sync pulses comprising:

setting a test counter to zero;

detecting an edge of at least one of said sync pulses;

incrementing said test counter until a second edge of at least one of said sync pulses is detected; and

decrementing said test counter, determining the polarity of the sync pulses.

15. The method of Claim 14, wherein the polarity is equal to a level of a sync pulse prior to a third edge of at least one of said sync pulses is detected.

16. The method of Claim 15, including decrementing said test counter until said third edge is detected.

17. The method of Claim 14, wherein the polarity is equal to an inverse of a polarity of at least one of said sync pulses.

18. The method of Claim 17, wherein the polarity is equal to said inverse when said test counter reaches zero.

19. The method of Claim 17, including decrementing said test counter until said test counter reaches zero.

20. The method of Claim 14, wherein a polarity of a horizontal sync pulse is explicitly set.

21. The method of Claim 14, wherein a polarity of vertical sync pulse is explicitly set.

22. A method for generating a blanking period indicator signal comprising:

setting a test counter to zero;

detecting an edge of at least one of said sync pulses;

incrementing said test counter until a second edge of at least one of said sync pulses is detected; and

decrementing said test counter, determining the polarity of the sync pulses.

23. A system for generating a blanking period indicator signal comprising:

an auto polarity detect processor adapted to automatically detect the polarity of at least one sync signal; and

a generation processor adapted to generate a DE signal.